

AMENDMENTS TO THE CLAIMS:

- Claim 1. (Currently Amended) A light-emitting unit comprising:
a light-emitting device for emitting light with a wavelength range of from 360 nm to 550 nm; and
a fluorescent material comprising ~~made of~~ Ca-Al-Si-O-N oxynitride activated with Eu^{2+} ;
wherein at least a part of said light emitted from said light-emitting device is ~~emitted outward after it is~~ subjected to wavelength conversion by said fluorescent material.
- Claim 2. (Original) A light-emitting unit according to claim 1, wherein said light-emitting device emits light with a wavelength range of from 450 nm to 550 nm, and wherein said part of said light with the converted wavelength is mixed with the other part of said light emitted from said light-emitting device, so that white light is emitted.
- Claim 3. (Currently Amended) A light-emitting unit according to claim 1, further comprising:
a light transmissible material,
wherein said fluorescent material comprises one of ~~wherein said fluorescent material is constituted by~~ a powdery material and a ~~or~~ granular material and is formed in said ~~and is contained in a~~ light-transmissible material.
- Claim 4. (Currently Amended) A light-emitting unit according to claim 1, wherein said fluorescent material comprises ~~is constituted by~~ a glassy material.
- Claim 5. (Currently Amended) A light-emitting unit according to claim 1, wherein said light-emitting device comprises ~~is constituted by~~ a group III nitride compound semiconductor light-emitting device.
- Claim 6. (Currently Amended) A light-emitting unit according to claim 3, wherein the light-emitting device is mounted in a cup portion provided in a lead frame, and the cup

portion is filled with the light-transmissible material including ~~containing~~ the fluorescent material.

Claim 7. (Currently Amended) A light-emitting unit according to claim 3, wherein the light-emitting device is mounted in a cup portion provided in a lead frame, and a fluorescent layer made from the light-transmissible material including ~~containing~~ the fluorescent material is provided on a surface of the light-emitting device.

Claim 8. (Currently Amended) A light-emitting unit according to claim 3, wherein the light-emitting device is mounted in a cup portion provided in a lead frame, and the light-emitting device and a part of the lead frame are covered with the light-transmissible material including ~~containing~~ the fluorescent material.

Claim 9. (Currently Amended) A light-emitting unit according to claim 3, wherein the light-emitting device is mounted on a substrate, and a fluorescent layer comprising ~~made from~~ the light-transmissible material including ~~containing~~ the fluorescent material is provided on a surface of the light-emitting device.

Claim 10. (Currently Amended) A light-emitting unit according to claim 3, wherein the light-emitting device is mounted on a substrate, and the light-emitting device is sealed with the light-transmissible material including ~~containing~~ the fluorescent material.

Claim 11. (Currently Amended) A light-emitting unit according to claim 3, wherein the light-emitting device is mounted in a cup portion provided in a substrate, and the cup portion is filled with the light-transmissible material including ~~containing~~ the fluorescent material.

Claim 12. (Currently Amended) A light-emitting unit according to claim 3, wherein the light-emitting device is mounted in a cup portion provided in a substrate, and a fluorescent layer made from the light-transmissible material including ~~containing~~ the fluorescent material is provided on a surface of the light-emitting device.

Claim 13. (Currently Amended) A light-emitting unit according to claim 3, wherein a fluorescent layer made from the light-transmissible material including ~~containing~~ the fluorescent material is provided on a substrate surface of the light-emitting device.

Claim 14. (Currently Amended) A light-emitting unit according to claim 13, wherein a fluorescent layer made from the light-transmissible material including ~~containing~~ the fluorescent material is also provided on a side surface of the light-emitting device.

Claim 15. (Original) A light-emitting unit according to claim 3, wherein a reflection plate is provided in a light-emitting direction of the light-emitting device.

Claim 16. (Currently Amended) A light-emitting unit according to claim 15, wherein a fluorescent layer made from the light-transmissible material including ~~containing~~ the fluorescent material is provided on a surface of the reflection plate opposite to the light-emitting device.

Claim 17. (Currently Amended) A light-emitting unit according to claim 3, wherein a fluorescent layer made from the light-transmissible material including ~~containing~~ the fluorescent material is provided in a light-emitting direction of the light-emitting device.

Claim 18. (Currently Amended) A light-emitting unit according to claim 17, further comprising:

a light guide having a light introduction surface and a light-emitting surface,
wherein the light-emitting device is disposed so as to face the light introduction surface of the light guide, and the fluorescent layer is disposed between the semiconductor light-emitting device and the light introduction surface of the light guide.

Claim 19. (Currently Amended) A light-emitting unit according to claim 17, further comprising:

a light guide having a light introduction surface and a light-emitting surface,

wherein the light-emitting device is disposed so as to face the light introduction surface of the light guide, and the fluorescent layer is disposed on the light-emitting surface side of the light guide.

Claim 20. (Currently Amended) A light-emitting unit according to claim 19, further comprising:

a layer of a light-transmissible material disposed between the light guide and the fluorescent layer.

Claim 21. (Currently Amended) A light-emitting unit according to claim 4, wherein a fluorescent layer comprising ~~made from~~ the fluorescent material is provided on a substrate surface of the light-emitting device.

Claim 22. (Currently amended) A light-emitting unit according to claim 21, wherein a fluorescent layer comprising ~~made from~~ the fluorescent material is also provided on a side surface of the light-emitting device.

Claim 23. (Original) A light-emitting unit according to claim 4, wherein a reflection plate is provided in a light-emitting direction of the light-emitting device.

Claim 24. (Currently Amended) A light-emitting unit according to claim 23, wherein the reflection plate comprises ~~is made from~~ the fluorescent material, and a surface of the reflection plate opposite to a surface facing the light-emitting device is planished as a mirror surface.

Claim 25. (Currently Amended) A light-emitting unit according to claim 4, wherein a fluorescent layer comprising ~~made form~~ the fluorescent material is provided in a light-emitting direction of the light-emitting device.

Claim 26. (Currently Amended) A light-emitting unit according to claim 26, further comprising:

a light guide having a light introduction surface and a light-emitting surface,
wherein the light-emitting device is disposed so as to face the light introduction surface of the light guide, and the fluorescent layer is disposed between the semiconductor light-emitting device and the light introduction surface of the light guide.

Claim 27. (Currently Amended) A light-emitting unit according to claim 25, further comprising:

a light guide having a light introduction surface and a light-emitting surface,
wherein the light-emitting device is disposed so as to face the light introduction surface of the light guide, and the fluorescent layer is disposed on the light-emitting surface side of the light guide.

Claim 28. (Currently Amended) A light-emitting unit according to claim 27, further comprising:

a layer of a light-transmissible material disposed between the light guide and the fluorescent layer.

Claim 29. (Currently Amended) A light-emitting method, comprising ~~steps of~~:

irradiating a fluorescent material made of Ca-Al-Si-O-N oxynitride activated with Eu^{2+} with light emitted from a light-emitting device with an emission wavelength range of from 360 nm to 550 nm to thereby convert the wavelength of a part of said light; and

mixing said part of said light with the converted wavelength with the other part of said light emitted from said light-emitting device to thereby emit resultant light; ;

wherein said light-emitting device is turned on intermittently.

Claim 30. (Original) A light-emitting method according to claim 29, wherein the time when said light-emitting device is turned on is adjusted to thereby adjust the color of light emitted from said light-emitting unit.

Claim 31. (Original) A light-emitting method according to claim 30, wherein said light-emitting device emits light with an emission wavelength range of from 480 nm to 550 nm, and wherein said color of said emitted light is white.

Claim 32. (Currently Amended) A light-emitting method according to claim 29, wherein said light-emitting device comprises ~~is constituted by~~ a group III nitride compound semiconductor light-emitting device.

Please add the following new claims:

Claim 33. (New) A light-emitting unit according to claim 1, wherein said fluorescent material has a mean grain size which is not greater than 20 μm .

Claim 34. (New) A light-emitting unit according to claim 1, wherein said fluorescent material has a mean grain size which is not greater than 10 μm .

Claim 35. (New) A light-emitting unit according to claim 1, wherein said fluorescent material has a mean grain size which is not greater than 5 μm .

Claim 36. (New) A light-emitting unit according to claim 3, wherein said light transmissible material comprises one of epoxy resin, silicone resin, urea resin and glass.

Claim 37. (New) A fluorescent material for a light-emitting unit, said material comprising Ca-Al-Si-O-N oxynitride activated with Eu^{2+} .